--ABSTRACT OF THE DISCLOSURE

The invention relates to a rail-guided system for transporting persons and material in underground mining and tunnel construction. The rail-guided transport system comprises a railroad network and transport vehicles that are guided in the railroad network. In the transport system, both the forward end and the opposite end of the respective transport vehicle are equipped with sensors (1-6) for detecting optical, acoustic, thermal, and acceleration data, "forward" being relative to the direction of travel. The sensors (1-6) are connected to a control computer that is disposed inside the transport vehicle while interacting with active and passive transducers located within the railroad network.--

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